

INTERNATIONAL APPLICATION
PCT/FI00/00054INTERNATIONAL FILING DATE
27 January 2000PRIORITY DATE CLAIMED
3 February 1999

TITLE OF INVENTION

CASTING MOULD FOR MANUFACTURING A COOLING ELEMENT AND COOLING ELEMENT IN SAID
MOULD

APPLICANT(S) FOR DO/EO/US

LEPPANEN, Yrjo, MAKINEN, Pertti, SALMINEN, Matti

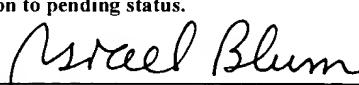
518 Rec'd PCT/PTO 25 JUL 2001

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371 (b) and PCT Articles 22 and 39 (1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is transmitted herewith.
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International application into English (35 U.S.C. 371(c)(2)). with oath
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. A copy of the annexes to the International Preliminary Examination Report under PCT Article 36 is enclosed (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included.

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 - A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or Information:
 - Copy of Notice Informing the Applicant of the Communication of the International Application to the Designated Offices.
 - Copy of International Preliminary Examination Report
 - Copy of International Application Published Under the Patent Cooperation Treaty (PCT) No. WO 00/45978
 - Check in the amount of \$1,000.00
 - Return postcard.

APPLICATION NO. (if known, see 37 C.F.R. 1.51) TBA 09/8899	INTERNATIONAL APPLICATION NO. PCT/FI00/00054	ATTORNEY'S DOCKET NO. 6055-4611US		
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2) paid to USPTO \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33 (1) - (4) \$690.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1) - (4) \$100.00		CALCULATIONS PTO USE ONLY		
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 1,000.00		
Surcharge of \$130 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$-- 0.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$ 0.00
Total claims	6-20	0	X \$18.00	\$ 0.00
Independent claims	1-3	0	X \$80.00	\$-- 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$270.00		\$ 0.00
TOTAL OF ABOVE CALCULATIONS =		\$ 1,000.00		
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28). Applicant asserts it is a SMALL ENTITY.		\$ 00.00		
SUBTOTAL =		\$ 1,000.00		
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$-- 0.00		
TOTAL NATIONAL FEE =		\$ 0.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property =		\$ 00.00		
TOTAL FEES ENCLOSED		\$ 1,000.00		
		Amount to be refunded:	\$	
		charged	\$	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$1,000.00 cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 13-4500 in the amount of to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4500, ORDER NO. 0558-4611US . A duplicate copy of this sheet is enclosed.</p>				
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>				
SEND ALL CORRESPONDENCE TO: Morgan & Finnegan LLP 345 Park Avenue New York, NY 10154-0053 Telephone: 212-758-4800 Telecopier: 212-751-6849		 Israel Blum Registration Number 26,710		

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09/89942

Docket No. 6009-4611US

IN THE UNITED STATES

RECEIVING OFFICE (RO/US)
 DESIGNATED OFFICE (DO/US)
 ELECTED OFFICE (EO/US)

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE EARLIEST PRIORITY DATE CLAIMED
PCT/F100/00054 27 January 2000 (27.1.00) 3 February 1999 (3.2.99)

TITLE OF INVENTION

CASTING MOULD FOR MANUFACTURING A COOLING ELEMENT AND COOLING ELEMENT IN SAID MOULD

APPLICANT(S)

LEPPANEN, Yrjo, MAKINEN, Pertti, SALMINEN, Matti

Commissioner for Patents
Box PCT
Washington, D.C. 20231

Attention: RO/US

**VERIFIED CERTIFICATION OF EXPRESS MAILING DATE
(INTERNATIONAL APPLICATION (37 CFR 1.10(c))**

I declare that on July 25, 2001 I deposited with the United States Postal Service in an envelope "Express Mail, Post Office to Addressee", bearing Label Number EL853178829US, addressed to the "BOX PCT, Commissioner for Patents, Washington, D.C. 20231, Attention: RO/US and having an express mail certification which I executed, the following papers:

- a. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a filing Under 35 U.S.C. 371, duly executed (in duplicate);
- b. Copy of Specification (4 pages: specification, 1 page: claims, 1 pages: abstract, 2 sheets of drawings)
- c. Copy of Notice Informing the Applicant of the Communication of the International Application to the Designated Offices;
- d. Copy of Notification of Transmittal of International Preliminary Examination Report;
- e. Copy of International Application Published Under the Patent Cooperation Treaty (PCT) 10 August 2000 WO 00/45978
- f. Check in the amount of \$1,000.00
- g. Return postcard.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Jesus R. Remedios

(Typed or printed name of person making this verified statement)

(Signature of person making this verified statement)

Date July 25, 2001